

# Oil Field Environmental Incident Summary

**Incident:** 20160602085437      **Date/Time of Notice:** 06/02/2016 08:54

**Responsible Party:** WHITE OWL ENERGY SERVICES (US) INC.

**Well Operator:** WHITE OWL ENERGY SERVICES (US) INC.

**Well Name:** WO NEWTOWN 1

**Field Name:** ANTELOPE

**Well File #:** 90170

**Date Incident:** 6/1/2016

**Time Incident:** 06:00

**Facility ID Number:**

**County:** MCKENZIE

**Twp:** 152

**Rng:** 95

**Sec:** 13

**Qtr:**

**Location Description:**

**Submitted By:** Steven Willis

**Received By:**

**Contact Person:** Steven Willis  
P.O. BOX 1953  
DICKINSON, ND 58602

**General Land Use:** Cultivated

**Affected Medium:** Topsoil

**Distance Nearest Occupied Building:**

**Distance Nearest Water Well:**

**Type of Incident:** Equipment Failure

**Release Contained in Dike:** No

**Reported to NRC:** No

	Spilled	Units
Oil	2	Barrels

Recovered	Units
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Followup	Units
2	barrels

Brine

Other

**Description of Other Released Contaminant:**

A small amount of oil mixed with rain water.

**Inspected:**

**Written Report Received:** 1/13/2017

**Clean Up Concluded:** 7/8/2016

**Risk Evaluation:**

n/a

**Areal Extent:**

n/a

**Potential Environmental Impacts:**

Crop damage.

**Action Taken or Planned:**

The sluice gate was removed and dirt piled to prevent fluid from escaping. The culvert will be completely removed to prevent release again. The landowner was notified and met with us on site. He requested we cleanup in the fall to avoid crop damage due to the small amount released.

**Wastes Disposal Location:** An approved solids facility.

**Agencies Involved:****Updates**

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**Date:** 6/2/2016      **Status:** Inspection

**Author:** Schiermeister, Robin

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Arrived at 11:00. 66 degrees F, sunny, south wind 10-15 mph. Observed the release location. Took photos and spoke with the company contact. The release appeared to extend from the culvert on the southeast side of well pad to a cultivated field that sloped approximately 8-10% to the south. Darkened and stained vegetation and soils were noted to extend approximately 150' by approximately 20' wide; the most concentrated was within the first 15'. The company contact spoke with the landowner and was asked to leave the spill until the fall for the next evaluation. Asked contact to provide documentation that natural attenuation would be appropriate remediation course for this release. More follow-up needed.

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**Date:** 6/2/2016      **Status:** Reviewed - Follow-up Required

**Author:** Suess, Bill

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Spoke with S. Willis at White Owl Services. The landowner does not want any work done until fall to prevent further damage to crops. I confirmed this with the landowner and informed him that no impacted crops can go into the food chain or be used as animal feed. NDDoH staff will inspect the site and follow up in the fall.

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Received laboratory analysis from the company representative on 7/18/16. Results of the analysis did not show sample locations. Chloride results showed ranges above what one would consider normal in the area. However, the results were not extremely elevated, and soil removal may not be the best method of remediation. Email and results added to the folder. Follow up in spring/summer 2017 to observe vegetative growth in the impacted area.